



SYM	W_O (m)	Q (m^3/s)	V_{AVE} (m/s)	TW (m)
□	0.44	0.64	4.60	0.49
□	0.44	0.41	3.14	0.49
○	0.94	1.85	2.83	0.94
●	0.94	2.38	3.63	0.94
▽	0.44	0.59	4.27	0.38
▽	0.44	0.39	2.83	0.38

Note: To be used for predicting channel velocities downstream from culvert outlets where high tailwater prevails. Velocities obtained from use of this figure can be used with Figure 2 of HEC 11 for sizing rip rap. (Do not use Fig of HEC 11: use Mean Velocity Values.)

DISTRIBUTION OF CENTERLINE VELOCITY FLOW FROM SUBMERGED OUTLETS

Figure 34-8D